

Serial No.: 10/801,307

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OCT 10 2006

IN THE SPECIFICATION:

Please replace paragraph [0012] on page 3 with the following replacement paragraph, which adds further information, e.g., from paragraph [0024], regarding the valve 70 shown in Fig. 1:

[0012] FIG 1 depicts an existing stent-spraying apparatus, which includes the exemplary embodiment of the dual pneumatic actuated three way valve illustrated in FIG 9, in accordance with an embodiment of the invention.

Page 4, before "DETAILED DESCRIPTION," please insert the following new paragraph:

-- FIG 17C is a schematic illustration depicting a default neutral state that is achieved in which both valve seats of the three-way valve of FIGS. 17A and 17B are open, according to one aspect of the present invention. --

Please replace paragraph [0024], on page 4, with the following replacement paragraph:

[0024] Referring to FIGS 1, 17A and 17B, an embodiment of a medical device coating application system is illustrated, which includes the embodiment 70 of a dual pneumatic actuated three way valve illustrated in FIG 9. The embodiment 70 has three ports, which are in fluid communication via 1/8" lines 13a, 13b, 13c with the following: (a) a pipette needle 11, which is immersable in a reservoir (e.g., a jar 17, as illustrated in FIGS. 17A and 17B) containing a coating solution (e.g., a polymeric solution), (b) a spray nozzle 12, and (c) a receptacle 14 (e.g., a syringe) for receiving the coating solution from the reservoir via pipette needle 11 when the valve is in a first position (see FIG. 17A), and for expelling the withdrawn coating solution through the spray nozzle 12 when the valve is in a second position (see FIG 17B). As indicated in the following paragraph, when the pressure is removed from the valve of FIG 9, a default neutral state is achieved in which both valve seats of the three-way valve are open (see FIG 17C). Connections are enhanced by the use of flangeless nuts 15a, 15b, 15c, 15d and flangeless ferrules 16a, 16b, 16c, 16d (e.g., P-330X 1/8" flangeless nuts and ferrules, available from Upchurch Scientific).

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Please replace paragraph [0032] on page 6, with the following replacement paragraph:

[0032] A first modification includes replacing the spring return mechanism (see FIG 6, element 93 and FIG 5, element 61) with a second pneumatic return, which is shown in FIG 11. The portion 82 of the valve 70 in FIG 11 inside the box is the original portion of the valve. The elements outside the box are the added elements to make the valve 70 operate with a second pneumatic return rather than a spring return mechanism. Thus, a plunger 77 is added along with an air pressure diaphragm 78, a modified valve bracket 30, and a 6-millimeter tubing interconnection 74. Element 79 of FIG 11 represents the original hardware used from the original valve that extends outside the box, which can also be seen in FIG 6. Also illustrated in FIG 11 are stainless steel valve body 72, insert 81 and valve bracket 83.

Please replace paragraph [0042], on page 7, with the following replacement paragraph:

[0042] A second valve is utilized to serve as a donor for the second pneumatic plunger portion. The second valve bracket 120, which has two M2 tapped holes (see element 121 of FIGs 12-13), are drilled out and counter bored from the opposite side. See elements 141 of the thus modified valve bracket 140 of FIGs 14-16.